Aircraft movements statistics

Transport Canada   **TP 1496**

ASCSB292

Aircraft Movement Statistics August 2003 (Preliminary)

Airports with NAV CANADA Air Traffic Control Towers

The data in this bulletin represent preliminary monthly statistics for airports with NAV CANADA air traffic control towers. Historical issues of this bulletin for months prior to 2002 are available on-line at *http://www.tc.gc.ca/pol/en/Report/TP1496/tp1496.htm*

In August, the 42 Canadian airports with NAV CANADA air traffic control towers reported 405,989 movements, a decrease of 10.2% compared to August 2002 (452,305). All but five airports showed year-over-year decreases in total aircraft movements for August. Six airports showed decreases greater than 20% this month compared to only one airport in July. One factor contributing to the decrease was the massive power outage in Ontario and North-eastern United States that caused several airports to close on August 14th and disrupted air traffic in the neighbouring provinces. Flight activity was reduced for a couple of days until the power returned to normal levels.

Both, itinerant movements (flights from one airport to another) and local movements (flights that remain in the vicinity of the airport) showed decreases in August compared to a year earlier. Itinerant movements dropped by 5.3% (down 16,299 movements) while local movements dropped by 20.8% (down 30,017 movements).

The top ten airports in terms of volumes of itinerant movements in August showed year-over-year variations ranging from 3.1% at Boundary Bay to -10.2% at Québec/Jean Lesage Intl. Eight airports recorded decreases compared to August 2002.

The top ten airports in terms of local movements showed year-over-year variations ranging from 4.5% at Pitt Meadows to -42.4% at Toronto/City Centre. Nine airports recorded decreases compared to August 2002.

More detailed statistics for airports with NAV CANADA air traffic control towers and flight service stations will be released in the Aircraft Movement Statistics monthly report (TP141 - Volume 1). Statistics for airports without air traffic control towers will appear in TP 141 – Volume 2. Upon release, the TP141 reports are available (free) on-line at *http://www.tc.gc.ca/pol/en/Report/tp141e/tp141.htm*

For further information concerning this bulletin, please contact Aviation Statistics Centre, Statistics Canada (1-866-500-8400). Internet: *aviationstatistics@statcan.ca*

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Aircraft Movement by Class of Operation - August - Preliminary, Airports with NAV CANADA Towers

Airports	2002 Total	2003 Total	% change 2003 / 2002	2003 Itinerant	2003 Local
Abbotsford	10,893	10,881	-0.1	5,223	5,658
Boundary Bay	19,435	17,732	-8.8	7,876	9,856
Calgary International	19,418	19,002	-2.1	18,811	191
Calgary/Springbank	14,205	12,151	-14.5	5,531	6,620
Chicoutimi/St-Honoré	6,353	6,201	-2.4	2,531	3,670
Edmonton City Centre	8,169	6,709	-17.9	6,239	470
Edmonton International	8,779	8,948	1.9	7,638	1,310
Edmonton/Villeneuve	7,009	4,936	-29.6	1,712	3,224
Gander International	4,133	3,690	-10.7	2,554	1,136
Halifax International	8,314	8,038	-3.3	7,501	537
Hamilton	11,020	9,072	-17.7	5,500	3,572
Kelowna	5,933	4,794	-19.2	3,939	855
Langley	8,200	6,555	-20.1	2,957	3,598
London	12,342	9,667	-21.7	5,311	4,356
Moncton/Greater Moncton Intl	7,091	5,543	-21.8	3,845	1,698
Montréal/Dorval International	17,784	17,280	-2.8	17,280	0
Montréal/Mirabel International	3,718	3,365	-9.5	2,511	854
Montréal/St-Hubert	17,909	15,939	-11.0	7,455	8,484
Oshawa	7,326	5,669	-22.6	2,897	2,772
Ottawa/Macdonald-Cartier International	15,109	13,489	-10.7	10,388	3,101
Pitt Meadows	8,183	9,095	11.1	4,371	4,724
Prince George	3,782	3,377	-10.7	2,831	546
Québec/Jean Lesage International	12,782	11,787	-7.8	8,405	3,382
Regina Intl	5,338	5,096	-4.5	3,312	1,784
Saskatoon/JG Diefenbaker	7,674	6,315	-17.7	4,402	1,913
Sault Ste. Marie	5,291	4,724	-10.7	2,496	2,228
St. John's	5,017	5,526	10.1	3,982	1,544
St-Jean	4,598	6,940	50.9	6,300	640
Sudbury	6,605	6,420	-2.8	3,650	2,770
Thunder Bay	7,681	8,301	8.1	5,078	3,223
Toronto/Buttonville Municipal	15,936	12,780	-19.8	7,330	5,450
Toronto/City Centre	14,069	8,577	-39.0	4,269	4,308
Toronto/LB Pearson International	35,304	32,553	-7.8	32,553	0
Vancouver Harbour	11,234	9,643	-14.2	6,713	2,930
Vancouver International	31,211	29,757	-4.7	29,757	0
Victoria International	15,987	14,387	-10.0	10,185	4,202
Waterloo Regional	15,335	11,344	-26.0	5,319	6,025
Whitehorse	2,838	2,674	-5.8	1,882	792
Windsor	4,054	3,377	-16.7	2,153	1,224
Winnipeg International	14,180	13,072	-7.8	11,883	1,189
Winnipeg/St. Andrews	7,782	6,310	-18.9	3,058	3,252
Yellowknife	4,284	4,273	-0.3	3,748	525
Total (42)	**452,305**	**405,989**	**-10.2**	**291,376**	**114,613**

Data Source and Methodology

Aircraft Movement Statistics are accumulated from data originating with air traffic control tower units. Because staff in these units are highly trained in factual observation and actual reporting, the entries into the data base are of a very high quality. To maintain uniformity in the reporting of source data, the Aviation Statistics Centre (ASC) issues air traffic control units with an "Air Traffic Designators" handbook (TP-143) showing the official Transport Canada aircraft type designators and the designators of various domestic and international air carriers. Data errors caused during transcription and transmission on the NAV CANADA Aircraft Movement Statistics (NCAMS) network are identified as part of the built-in editing procedures. Furthermore, extensive editing cycles are part of the computer processing programs. All identified errors are manually corrected by ASC editing staff.

Collection

The records are completed daily, based on a twenty-four hour clock running from zero hour to 23:59. The times recorded are Greenwich Mean Time (GMT); however, published statistics are shown in local times. The records are transmitted electronically to the Aviation Statistics Centre (ASC). The Aviation Statistics Centre maintains a data bank of current information on all registered aircraft. The storage of this information allows for a reduction in the reporting burden of the survey respondents and limits the element of human error associated with the preparation of source documents. The data in the bank include registered aircraft identifications and their corresponding aircraft types, gross take-off weights, types of power plant (piston, jet or turboprop); whether the aircraft are fixed wing, helicopters or gliders. The data also provide a basis for identifying type of flights (commercial, private and government) and the geographical area in which the flights take place. The data bank also includes an Airport Environmental file against which the airport category is checked; the reported runway is validated and the time difference between GMT and local is allocated.

Symbols

   . not available for any reference period

  .. not available for a specific reference period

 ... not applicable

   p preliminary

   r revised

   x suppressed to meet the confidentiality requirements of the *Statistics Act*

   E use with caution

   F too unreliable to be published

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